

IN THE CLAIMS

1. (Currently Amended) A non-aqueous ~~electrode~~ electrolyte battery comprising:
 - a cathode including a cathode substrate and ~~containing~~ a cathode active material;
 - an anode including an anode substrate and, as an anode active material, one or more thin film layers ~~layer(s)~~ containing a first metal that may be alloyed with lithium, said one or more thin film layers ~~layer(s)~~ being formed by a thin film forming technique, said anode containing one or more of a second metal not alloyed with lithium, a third metal that may be ~~maybe~~ alloyed with said second metal, a fourth metal not alloyed with said second metal, and a carbonaceous material capable of doping/undoping lithium ions; and
 - a non-aqueous electrolyte containing an electrolyte salt;
 - wherein the anode substrate is a high molecular weight polymer comprising one or more of a sulfur-containing resin, a nitrogen-containing resin, polyester, cellulose triacetate, Mylar, and polycarbonate.
2. (Currently Amended) The non-aqueous ~~electrode~~ electrolyte battery according to claim 1, wherein said first metal is an alloy comprises ~~composed of~~ one or more of Mg, B, Al, Ga, In, Si, Ge, Sn, Pb, Sb, Bi, Cd, Ag, Zn, Hf, Zr and Y.
3. (Currently Amended) The non-aqueous ~~electrode~~ electrolyte battery according to claim 1, wherein one or more of said second metal ~~meal~~, third metal, fourth metal and said carbonaceous material is contained in said thin film layer of said anode.
4. (Currently Amended) The non-aqueous ~~electrode~~ electrolyte battery according to claim 1, wherein one or more of a second thin film layers comprising ~~layer(s)~~ containing one or more of said second metal, third metal, fourth metal and said carbonaceous material is provided by film forming by a thin film forming technique in said anode in addition to said one or more thin firm layers ~~layer(s)~~.
5. (Currently Amended) The non-aqueous ~~electrode~~ electrolyte battery according to claim 1, wherein one or more of a mixture layers comprising ~~layer(s) containing~~ one or

more of said second metal, third metal, fourth metal and said carbonaceous material and a binder is provided in said anode in addition to said one or more thin film layers ~~layer(s)~~.

6. Cancelled.

7. Cancelled.

8. (Currently Amended) The non-aqueous ~~electrode~~ electrolyte battery according to claim 5, wherein said polymer has a true specific gravity not less than 0.9 g/cc and not larger than 1.8 g/cc.

9. (Currently Amended) The non-aqueous ~~electrode~~ electrolyte battery according to claim 1, wherein said cathode active material of said cathode is a lithium metal oxide represented by the general formula $\text{Li}_x\text{M}_y\text{O}_z$, where M is one or more of Co, Ni, Mn, Fe, Al, V or Ti, with $x=1$, $y=1$ and $z=2$.

10. (Currently Amended) The non-aqueous ~~electrode~~ electrolyte battery according to claim 1, wherein said cathode ~~in a band shape~~ and said anode ~~in a band shape~~ are elongated ~~are~~ and coiled along the longitudinal direction with ~~a band shaped~~ an elongated separator in-between.